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Separate paging is given to this Part in order that it may be filed as a separate compilation

# PART III—SECTION 2

# Notifications and Notices issued by the Patent Office relating to Patents and Designs

# THE PATENT OFFICE

### Patents and Designs

Calcutta, the 16th May 1964

# SPECIAL NOTICE

The following Group of Abridgments of Patent Specifications has been published and copies thereof are available for sale at the Counter of the Government of India Book Depot, 8, Hastings Street, Calcutta at Rs. 2.00 per copy.

Group XXIX

(Containing Abridgments of Patent

---Valves and

Specifications between Nos. 40,001

- Vulves mile

to 50,000).

hydraulic engines.

# CORRIGENDUM

In the Gazette of India, Part III, Section 2, dated the 11th April 1964-

In page 145, column 2, under the heading "Restoration Proceedings", against Patent No. 69270—

For 23rd April 1964 read 23rd May 1964.

# **Application for Patents**

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

### 25th April 1964

- 93459. T. K. Sivaraj. Fractional switches.
- 93460. T. K. Sivaraj. Fractional switches.
- 93461, T. K. Sivaraj. Fractional switches.
- 93462. T. K. Sivaraj. Fractional switches.
- 93463. Tokyo Shibaura Electric Company Limited.
  Discharge gap device.
- 93464. S. Shreevaishnawa and R. L. Shah. Improvements in the strength of cement.
- 93465. Dynamit Nobel Aktiengesellschaft. A novel shot cartridge shell.
- 93466. A. Prakash. Water proofing treatment of flat roofs.
- 93467, Dr. S. M. Atlas. Rubbery blocks for elastomeric fibres.
- 93468. I. S. Patel. A sugar-cane crusher.
- 93469. H. J. Krause. Method of and apparatus for the manufacture of large building elements, more particularly prefabricated parts and elements.
- 93470. F. Hoffmann-La Roche & Co. Aktiengesellschaft.

  Composition for the treatment of animals under stress conditions.

- 93471. (Mrs.) Beryl Alice Enid DePenning. Apparatus for making crown caps for bottles.
- 93472. Imperial Chemical Industries Limited. Coating compositions. (26th April 1963).
- 93473. Imperial Chemical Industries Limited. Stabilised solvent. (6th May 1963).
- 93474. J. R. Geigy A. G. New thio- and dithiophosphoric acid esters, process for preparing same and their use for pest control.
- 93475. Societe Generale Du Vide. Vacuum heating method and apparatus.
- 93476. C. H. Johnson (Machinery) Limited. Improvements in or relating to vibrating devices.
- 93477. Eastman Kodak Co. Polymers, methods of making them and articles made therefrom. [Divisional date 6th November 1962].
- 93478. The British Iron and Steel Research Association, Improvements in or relating to forging units.
- 93479. Zwerad-Union AG. Rack and pinion steering gear.

# 27th April 1964

- 93480. Debakiranjan Dutta. Connectors for electric apparatuses.
- 93481. Council of Scientific and Industrial Research. A process for the preparation of motor spirit, diesel oils and kerosene-substitutes from primary coal tar fractions.
- 93482. Council of Scientific and Industrial Research. A process relating to improvements in or relating to the manufacture of inks used for job printing, off-set lprinting, stencilling, finger printing or like purposes.
- 93483. Sandoz Ltd. Anthraquinone dyes.
- 93484. Sandoz Ltd. Process for the dyeing, padding and printing of textile materials with anthraquinone dyes
- 93485. Hungerford & Terry, Inc. Quies detachable strainer system for water treatment tanks.
- 93486. Dow Corning Corporation. Method of retarding paraffln deposition in petroleum containers.
- 93487. Union Carbide Corporation. Alkenylation reaction. [Addition to No. 86820].
- 93488. Union Tank Car Company. Filter holding means.
- 93489. Ab Tetra. A compound material.
- 93490. Ab Tetra. A method of achieving durable bonding between a layer of ceramic material and a metal surface by means of flame spraying.

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- 93491. Ab Tetra. A method of applying preferably bandshaped metal parts with good mechanical adhesion to a metal frame coated with insulating, preferably ceramic material.
- 93492. Ciba Limited. Manufacture of spirocycloalkane compounds.
- 93493. American Cyanamid Company. New substituted piperazine compositions of matter and their use.
- 93494. American Cyanamid Company. Product and process.
- 93495. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Water-soluble phthalocyanine dyestuffs and process for preparing them.
- 93496. Deutsche Gold-Und Silber-Scheideanstalt Vormals Roessler. Process and product. (14th April 1964).
- 93497. Tesla, Narodni Podnik. Ignition circuit for highpressure mercury discharge lamp.
- 93498. Ethicon, Inc. Sporicidal compositions.
- 93499, Albright & Wilson (Mfg.) Limited. Dosing pump for electrolytic baths. (10th May 1963).
- 93500. Istituto De Angeli S. p. A. Chemical compounds (part 1). (14th May 1963).
- 93501. Istituto De Angeli S. p. A. Chemical compounds (part 11).
- 93502. The Bendix Corporation. Improvements in or relating to a device for assembling a push rod.
- 93503. Miles Laboratories, Inc. Coating composition and process.
- 93504. Olin Mathieson Chemical Corporation. Fungicidal compositions.
- 93505. Sperry Rand Co poration. Thin film controlled emission amplifier.

# 28th April 1964

- 93506. I. G. Ambekar. Electro muscle stimulator.
- 93507. B. G. Shah and C. H. Doshi Improvement and modification in the manufacture of "superiter" typewriter used as office equipment.
- 93508; J. R. Geigy A. G. Stabilization of organic material with esters containing an alkylhydroxyphenyl g oup.
- 93509. J. R. Geigy A. G. Stabilization of organic material with smides containing a substituted phenol group.
- 93510. J. R. Geigy A. G. Process for the preparation of carbonyl compounds containing a hindered phenol group.
- 93511. Smith Kline & French Laboratories. Improvements in or relating to alkaloid compositions. (20th May 1963).
- 93512. Smith Kline & French Laboratories. Improvements in or relating to novel amino acids and processes for their preparation.
- 93513. The Goodyea- Fire & Rubber Company. Improvements in temperature indicator.
- 93514. Imperial Chemical Industries Limited. Improvements in or relating to thermoplastic films. (7th May 1963).
- 93515. Impe ial Chemical Industries Limited. Anaesthetic compositions. (8th May 1963).
- 93516. Halcon International, Inc. Chemical process.
- 93517. Monsanto Chemicals Limited. Mycobacteriostatic compounds.
- 93518. Philips Petroleum Company. Control of verminous animals.
- 93519. Hitachi Utd. Operating mechanisms of air-filled gir-break circuit breakers,
- 93520. The Standard Oil Company. Attrition resistant solid catalysts. (20th April 1964).
- 93521. VEB Filmfabrik Agfa Wolfen. A process for develosing silver balide emulsions. (29th April 1963).
- 93522. Flight Refuelling Limited. Improvements in or relating to shock alleviators. (26th July 1963).

- 93523. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Benzenesulfonyl urcas and process for their manufacture.
- 93524. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. High molecular weight copolymers and process for preparing them.
- 93525. Speony Mobil Oil Company, Inc. Stabilized hydrocarbon fuels.
- 93526. Powdered Metals Corporation. Process of electrolytically depositing copper. [Divisional date 10th August 1962].
- 93527. Powdered Metals Corporation. Process for extracting copper from a copper-containing ore. [Divisional date 10th August 1962].
- 93528. Ciba Limited. Process for the protection of organic materials against the damaging effects of heat, air and especially ultraviolet rays.
- 93529. Ciba Limited. Process for the manufacture of aminomethyl-compounds.
- 93530. Ciba Limited. Manufacture of new amino-methyl-compounds.
- 93531. Rank Xerok Limited. Photoconductor and process for its production.
- 93532. N. V. Philips Gloeilampen abrieken. Improvements in or relating to high-pressure gas discharge lamps.
- 93533. N. V. Philips Glocilampenfabriken. Improvements in or relating to devices for igniting high-pressure gas-discharge tubes.
- 93534. N. V. Philips Gloeilampenfabriken. Improvements in or relating to composite semiconductor devices and methods of manufacturing such devices.
- 93535, N. V. Philips Gloeilampenfabrieken. Improvements in or relating to glass bulbs for the manufacture of cathode ray tubes.

# 29th April 1964

- 93536. Westinghouse Electric Corporation. Improvements in or relating to magnet assembly.
- 93537. B. Hutson. A method and machine for forming helically fluted rod-like articles. (2nd May 1963).
- 93538. H. Smith. Process for preparing steroid intermediates. (6th May 1963).
- 93539. Pullman Incorporated. Cushioned low level railway vehicle. [Additional to No. 88658].
- 93540. Shell Internationale Research Maatschappij N. V. Rubbery composition.
- 93541. Clayton Bewandre Company Limited. Improvements in or relating to vehicle braking apparatus. (30th April 1963).
- 93542, Rockwell-Standard Corporation. Brake system.
- 93543, Union Carbide Corporation, Columbium addition agent.
- 93544. Ingersoll-Rand Company. Masonry cutting tool.
- 93545. Halcon International, Inc. Chemical process and composition.
- 93546. Halcon International, Inc. Purification process.
- 93547. American Cyanamid Company. Surface dyeing and pigment marking of gelatin capsules.
- 93548. Ciba Limited. Manufacture of new phenoxy ethers.
- 93549. Birfield Engineering Limited. Improvements in or relating to opening machines. (11th May 1963).
- 93550. Institut Français Du Petrole, Des Carburants Et Lubrifiants. Weight regulating apparatus for submarine drilling.

# 30th April 1964

- 93551. R. D. Panse and Y. V. Shaligram. Handle-replacable tea and/or coffee sup.
- 93552. Schering Aktiengesellschaft. Process for the manufacture of 2-sulphonamido-pyrimidine derivatives.

- 93553. European Atomic Energy Community (Euratom).

  Method of pulsing and/or modulating a nuclear reactor.
- 93554. Tokyo Shibaura Electric Company Limited. Voltage regulating device.
- 93555. J. R. Geigy A. G. Process for the production of new thiepin derivatives.
- 93556. Rockwell-Standard Corporation. Brake systems.
- 93557. Sperry Rand Corporation. Document advancing means.
- 93558. Recherches Et Mecanique R.E.M. Tipping receptacle and its support.
- 93559. Imperial Chemical Industries Limited. Improvements in or relaing to conveyors. (14th May 1963).
- 93560. H. Holloway. Improvements in industrial regulators.
- 93561, Ernest Scragg & Sons Limited. Improvements in or relating to textile apparatus. (30th April 1963).
- 93562. Dow Corning Corporation. New, oil-resistant, flame-resistant, siloxane elastomers.
- 93563, D. K. Poonawala. Cigarette carton fitted with matches.
- 93564, D. K. Poonawala. Automobile luggage carrier with crabs and dust resisting cover.
- 93565, V. D. Hukerikar. Electric differential gear for automobiles and like vehicles.

### 1st May 1964

- 93566. Standard Telephones and Cables Limited. Apparatus for assembling semi-conductor devices.
- 93567. Massey-Ferguson (United Kingdom) Limited.
  Improvements in or relating to tractors. (1st May 1963).
- 93568. Massey-Ferguson (United Kingdom) Limited. Improvements in or relating to tractors. (1st May 1963).
- 93569. Parke, Davis & Company. Naphthalene compounds and methods for their production.
- 93570. British Insulated Callender's Cables Limited. Jmprovements in or relating to electric cables. (8th May 1963).
- 93571. Akticbolaget Kamyr. Sieve device in containers for cellulosic pulp,
- 93572. FMC Corporation. Process for the preparation of novel polymeric peroxy carbamates. [Divisional date 29th August 1962].
- 93573. Buckau Wolf New India Engineering Works Ltd.
  Continuously working centrifuge, especially sugar centrifuge.
- 93574. Kjellberg Elektroden Maschinen GmbH. Method for increase of the durability of nozzles for are-plasma-torches with high power-density and arrangement for execution of this method.

# Alteration of date

- 84638. The claim to priority date 18th October 1961 has been abandoned and the application dated as of 17th October 1962, the date of filing in India.
- 85034. The claim to priority date 1st October 1962 has been disallowed and the application dated as of 8th November 1962, the date of filing in India.

### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give Notice to the Patents Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933 of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

83508. Socony Mobil Oil Company, Inc. Crystalline synthetic zeolite material and method for making same. Accepted on 29th April 1964.

Heating reaction mixture at 20—120°C comprising 2.5—11 mol ratio of  $Sio_2/Al_2o_3$ , 0.5—2.5 of  $Na2^0 - Na2^0 + (CH_3) + N_1^2 - Na2^0 + (CH_3) + N_1^2 - Na2^0 + (CH_3) + N_2^2 - Na2^0 + (CH_3) + N_2^2 - Na2^0 + N_3^2 - Na2^0 + Na2^0 +$ 

83531. Jogendra Nath Sarkar. Improvements in the electrolysers for the manufacture of hypochlorites. Accepted on 28th April 1964.

An electrolyser fabricated with porcelein container and porcelain or cement casting body of the composite cell fitted with platinum or platinum plated electrodes and lead cooling coil having chlorine proof insulation and water cooling tank for simultaneous internal and external cooling.

83726. "Shell" Research Limited. Improved lubricating oil compositions. (18th August 1961). Accepted on 1st May 1964.

Comprises a lubricating oil and as additive therefor a succinimide.

83830. Toyo Koatsu Industries, Incorporated. Process for molding thermosetting molding materials. Accepted on 1st May 1964.

Wherein the air is expelled from the mold either by condensable vapour or by reducing the pressure or by joint employment of both.

83958. Standard Magnesium & Chemical Communy. Ion exchange process for producing sulfutic acid and potassium sulfate and regenerating calcium chloride solution therefrom. Accepted on 25th April 1964.

Comprises bringing an aqueous suspension of calcium sulfate into intimate contact with a cation exchanger in hydrogen form yielding sulfuric acid and eluting therewith an exchange material obtained by intimately contacting another cation exchanger in hydrogen form and potassium chloride solution.

83959. Standard Magnesium & Chemical Company. Recovery of values from natural lake and sea brines. Accepted on 25th April 1964.

Comprises subjecting brine to evaporation to get sodium chloride, precipitating calcium sulfate from the brine, subjecting the residual brine to evaporation to precipitate salts and yield magnesium chloride brine, compacting precipitated calcium sulfate with cation exchange material to get sulfuric acid, getting hydrochloric acid from one of the precipited materials, eluting the exchange material with hydrochloric acid to yield calcium chloride eluate solution, utilizing it to get calcium sulfate from complex brine and repeating the process indefinitely.

84638. Unisearch Limited and M. Chaikin. Improvements in or relating to the treatment of fibre assemblies with fluids. Accepted on 1st May 1964.

The loose fibers being formed into a layer and compressed and the treating fluid applied to the layer by a jet or jets, directed transversely thereto.

84690. Georg Fritzmeier Kommanditgesellschaft. Turnover guard for tractors. Accepted on 20th April 1964.

Wherein the two side parts and top of guard are constructed as a triangular truss.

84791. Niranjan Saha and Dr. D. Ramaswami. Improvement to methods for forming glass ampules.

Accepted on 25th April 1964.

The ampoule being formed with the top end open and the rim of the said top end concentric with and larger than the said stem, the rim being thicker than the side wall of the stem

84797. G. S. Nevatia and H. P. Nevatia. Magnetic rotary coupling with reduced axial forces. Accepted on 25th April 1964.

The coupling is characterized by the application of mutually attracting as well as mutually repelling permanent magnets.

84798. G. S. Nevatia and H. P. Nevatia. Magnetic suspension systems. Accepted on 25th April 1964.

The system is characterized by simultaneous application of ferromagnetic or paramagnetic materials and diamagnetic materials for the magnetically active parts.

84800. G. S. Nevatia and H. P. Nevatia. Temperature compensation means for measuring instruments. Accepted on 25th April 1964.

Wherein a permanent magnet of with a negative temperature coefficient is used.

84804. G. S. Nevatia and H. P. Nevatia. Switchable permanent magnet system. Accepted on 25th April 1964.

> In which an axially magnetized permanent magnet, which on both pole surfaces is provided with iron poles, is axially movably arranged inside a tubular or pot-shaped iron short circuit, which is double-walled in the region of the permanent magnet.

84809. G. S. Nevatia and H. P. Nevatia. Controllable double-track brake magnet. Accepted on 25th April 1964.

> Comprising a permanent magnet mounted in a yoke, an eddy current conductor, and short circuiting soft-iron body of annular shape.

84843, Asahi Kasei Kogyo Kabushiki Kaisha. Method for producing acrylic fibers. Accepted on 25th April 1964.

Spinning solution obtained by dissolving ternary copolymer of acrylonitrile containing methyl acrylate 0.2—0.7 wt. % methallyl sulphonic acid in nitric acid containing less than 0.0005% nitrous acid below 5°C.

84846. Shell Internationale Research Maatschappij N. V. Process for the preparation of novel surface-active sulphates of alkyl ether alcohols and compositions containing the sulphates so produced. Accepted on 29th April 1964.

Comprises sulphating by methods known per se compounds obtained by the reaction of olefins with polyhydroxy compounds.

84858. Allied Chemical Corporation. Improvements in or relating to the preparation of insecticidal and fungicidal agents and compositions containing them. Accepted on 30th April 1964.

A process for preparation of an insecticidal or fungicidal agent in the form of an adduct of the ketone decaphlorooctalydro-1, 3. 4-methano-2H-cyclobuta (cd) pentalen-2-one comprising the said ketone in anhydrous form with a primary or secondary monohydroxy alcohol or a primary or secondary monoamine. 84866. Petrocarbon Developments Limited. Separation of oxygen from air. (3rd November 1961). Accepted on 28th April 1964.

A process in which part of the input air is further compressed by being passed through the brake blower or blowers of high-speed expansion turbines and in which the gas comprising the input air is expanded through turbines to produce cold for the separation process.

84869. R. P. Heue: Improvements relating to refractories and refractory bricks containing calcines magnesia. (31st October 1961). Accepted on 30th April 1964.

The product magnesia is used as one component having 90% or more MgO, more than 2% by weight of ferric oxide, a lime-silica ratio by weight of over 2 and 2.0% or more of dicalcium ferrite, and this magnesia mixed with chromite and mixture is turned at 1000°-1700°C.

84878. Ciba Limited. Process for optically brightening organic material. Accepted on 30th April 1964.

A 2:5 dibenzoxazolyyl-thiophene compound is fixed on the material.

84887. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Phosphoric acid esters, their preparation, and parasiticidal compositions containing such esters. Accepted on 29th April 1964.

Comprises reacting in equimolecular amounts alkaline salts of 0, 0-dialkylthio (dithio)-phosphoric acids with halo-acetic esters.

84900. G. S. Nevatia and H. P. Nevatia. Switchable holding magnet. Accepted on 30th April 1964.

The magnet is characterized by a permanent magnet which is movably arranged between soft-iron poles and by an iron short circuit, which short-circuits and screens the latter.

84902. G. S. Nevatia and H. P. Nevatia. Brake magnet for electric meters, scales or such like articles. Accepted on 1st May 1964.

Characterized in that the soft iron return path is given the shape of U and enclosed the magnet on two sides which in optimum position of the magnet system lie at right angles to the direction of movement of the brake disc.

84903. G. S. Nevatia and H. P. Nevatia. Loudspeakers. Accepted on 1st May 1964.

In which the diaphragm frame has a cylindrical rim which is held between the inside of the iron cylinder and the pole plate of the magnet.

84904. G. S. Nevatia and H. P. Nevatia. Process for the manufacture of permanent magnets. Accepted on 30th April 1964.

Magnets are sintered or east in a chamber under vacuum or under a protective gas and allowed to be cooled by contact with cooled heat-transforming bodies.

84905. G. S. Nevatia and H. P. Nevatia. Permanent magnet system for the retaining of feromagnetic material or for the clinging onto such material. Accepted on 30th April 1964.

Comprises a holow cylindrical permanent magnet which is magnetised in the axial direction and housed within a soft iron casing.

84908. G. S. Nevatia and H. P. Nevatia. Permanent-magnet with air gap. Accepted on 30th April 1964.

Soft-iron pot consists of a flat bottom and tubular wall which are conected by welding.

84911. G. S. Nevatia and H. P. Nevatia. Process for production of anisotropic permanent magnets by compressing of magnetic powder. Accepted on 1st May 1964.

The upper die of the pressing tool being provided with a separately switchable exciting winding and being lowered to the filled-in moulding powder at first in an unexcited condition, excited by switching-in of a magnetic field, lifted and the field coil of the matrix being switched in and pressing done by lowering of the upper die.

84912. G. S. Nevatia and H. P. Nevatia. Process for production of anisotropic permanent magnets from powdery magnetic material. Accepted on 1st May 1964.

First obtained preference direction being converted into a preference direction of different geometrical shape by changing of the shape and/or area of the cross section of the magnet.

84917. The Chief Controller of Research & Development, Ministry of Defence, Government of India, New Delhi. A method for producing photo prints on anodised aluminium surfaces. Accepted on 1st May 1964.

Sensitising anodised aluminium surface by immersing it in a sensitising solution, semi-drying the sensitised surface, removing the superfluous salt from the semidry surface and exposing the sensitised aluminium surface to the action of light behind the negative of the design.

84923. Snia Viscosa Societa Nazionale Industria Applicazioni Viscosa S.p.A. Process for the recovery of cobalt catalysts and benzoic acid. Accepted on 1st May 1964.

Fixing cobalt on cationic resin from mother waters at 10-90°C regenerating same by treating the resin with Hcl solution.

84941. G. S. Nevatia and H. P. Nevatia. Annular-gap magnet system. Accepted on 29th April 1964.

The upper diameter of the permanent magnet being smaller or at most of the same size as the inner boundary of the air gap and that its axial length being smaller than 2/3, preferably smaller than 1/2 of the diameter.

84942. G. S. Nevatia and H. P. Nevatia. Permanent magnet with orientation of crystals and magnetic preference direction. Accepted on 30th April 1964.

The process is characterized in that the alloy of 10-40% Co, 10-28% Ni, 6-11% aluminium, 0-7% copper and 0-7% titanium and remaining impurities is cast in form of plates and is divided into single magnets at right angles to the plane of the plate.

84943. Cromelite (India) Private Ltd. Furniture with folding legs. Accepted on 1st May 1964.

Having clamps fitted to table top, one for each leg, spring loaded sleeve slidably mounted on leg and locking means with the clamps.

84978. Ethicon, Inc. Skin clip assembly adapted to load a semi-automatic clip application. Accepted on 1st May 1964.

Comprising a flat strip of metal having a central upstanding rib, to support the clip web, the rib having spaced upwardly projecting sprayers.

84996. I. Failla. Bucket excavator slidable on rigid slideway particularly for frontal digging at vertical walls. Accepted on 1st May 1964.

Characterised in that it has a shovel in the form of a bucket slidable along a rigid beam and means to enable the shovel to slide downwards on a fixed sideway and to prevent upward sliding thereof unless the shovel has previously performed an angular rotation.

84999. Eastman Kodak Company. Process for preparing crystalline polymers, the polymers so prepared and articles made therefrom. Accepted on 29th April 1964.

Comprises polymerizing ethylene and propylene wherein one of them is prepolymerized and the other is polymerized in the presence of the preformed polymer the whole polymerization is carried out in the presence of a solid, stereospecific low temperature catalyst and in the presence of hydrogen which is essential for propylene polymerization.

85034. United States Rubber Company. Assembly of textile material and rubber and method of making same. Accepted on 1st May 1964.

Comprises incorporating the resorcinol and the N, N', N'-trisubstituted cyclotrimethyl entriamine, N-disubstituted-N'-disubstituted diaminomethane, N-N'-disubstituted imidazolidine, or N-N'-disubstituted hexahydropyrimidine into the rubber before vulcanization, coating the textile material with the resulting rubber composition heating the assembly to vulcanize the rubber.

85060. Imperial Chemical Industries Limited. Polyoxymethylene compositions. (30th January 1962). Accepted on 28th April 1964.

Solid oxymethylenc polymer admixed with 0.5% by wt. of a compound monoquinones, diquinones, or monohydroxymonoquinones.

85061. Imperial Chemical Industries Limited. New stabilisers for use in dispersions of synthetic polymers and process for the preparation thereof. Accepted on 27th April 1964.

A process of preparing a stabiliser suitable for use in dispersions of synthetic polymer in organic liquid by graft copolymerisation of vinyl monomer with a precursor containing a polymeric chain and an unsaturated group.

85090. Carrier Corporation. Air distributing unit. Accepted on 1st May 1964.

Comprises inflatable member extending partly outside and partly inside plenum chamber so that the part inside plenum will be deflated and the part outside will be inflated to cooperate with outlet when the pressure inside plenum is greater than in the control chamber.

85101. Fichtel & Sachs A. G. Improvements in or relating to multispeed transmission hubs. Accepted on 25th April 1964.

Flyweights engage directly with at least one of the driven members and switch this in or out of gear by their movement dependent on centrifugal force.

85134. I. Failla. Bucket excavator slidable on rigid guide particularly for fontal digging at vertical walls. [Addition to No. 84996]. Accepted on 1st May 1964.

Characterised in that the front mast of the rigid slideway and its excavating bucket are revolvable on its own vertical axis, means being provided for locking the mast in desired position and transmission rollers for allowing the ropes to work on the pulleys mounted on the mast.

85184. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Process for preparing alkyl aluminium halides. Accepted on 1st May 1964.

A dialkyl aluminium monohydride is reacted with a halogen,

85198. Sperry Rand Corporation. Pure fluid pulse generator. Accepted on 30th April 1964.

Pulse generating chamber comprising an inlet for a power stream, an inlet for a concontrol stream and a plurality of outlets across which the power stream can be swept under control of the control stream to produce a pulse train of fluid signals.

85238. Societe Generale "Isothermos" a Societe Anonyme.
Improvements in or relating to devices for reconditioning the flanges tyres of wheels of railway rolling stock. Accepted on 1st May 1964.

Wherein outer end of spindle comprises cylindrical journal portion engaging in fluid tight manner central bore in the cover of axle-box.

85401. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Process of preparing olefin compolymers and clastomers, foils, pipes and like articles comprises thereof. Accepted on 1st May 1964.

Polymerizing a mixture of monomers in the presence of a catalyst comprising the product of a hydrocarbon-sluble vanadium compound and a metallorganic aluminium compound in which at least one valency of aluminium is satisfied with an unsaturated hydrocarbon group and at least one of the valencies of Va and/or the residual valencies is satisfied with a halogen atom.

85454. Imperial Chemical Industries Limited. Improvements in or relating to compositions comprising polythene. (4th December 1961). Accepted on 1st May 1964.

Process for reducing the tendency of polythene-to acquire electrostatic charges comprising incorporating into its surface layer a tertiary amine.

85458. Imperial Chemical Industries Limited. Polymer treatment. (18th December 1961). Accepted on 30th April 1964.

Comprising a polyolefine and a primary secondary or terriary saturated or unsaturated aliphatic amine as anti-static agent.

85494. Johnson & Johnson. Flexible hydrophilic sponge materials. Accepted on 28th April 1964.

Comprising a celled r sponge having numerous relatively closed spaced hydrophilic fibers extending from at least one surface into the main body of said sponge, said hydrophilic fibers being uncoated by the material of said sponge.

85580. Precision Screen Machines, Inc. Improvements in or relating to screen printing. Accepted on 30th April 1964.

Comprising the steps of positioning a screen having a stenciled portion and opposed leading and trailing well portions with an associated squeeze on the materials to be printed and simultaneously printing and indexing the material,

85585, AMP Incorporated. A two part electrically insulating housing. Accepted on 25th April 1964.

Comprising a male part engageable within a female part, each part having a cavity and the cavity in the male part being formed as a channel or groove open at an end.

85689. Societa & Italiana Resine S.p.A. Method of dephenolizing cumene by extraction by means of caustic soda solutions. Accepted on 28th April 1964.

> Dephenolizing cumene by extracting phenol with aqueous caustic soda solution at super-atmospheric pressure.

85821. Westinghouse Brake and Signal Company Limited.
Improvements relating to control reservoir charging valves. (31st January 1962). Accepted on 1st May 1964.

Control reservoir charging valve for a brake distributor for fluid operated braking systems having a quick service valve, a quick service bulb and a pressure sensative element.

85832. Shell Internationale Research Maatschappij N. V. Pumpable apparatus for carrying an operating element into the smaller-diameter portion of a two-diameter pipe. Accepted on 1st May 1964.

First body member having a flow passage through it and external annular sealing means to fit slidably within the larger diameter portion of the pipe, a second body member having external annular sealing means to fit slidably within the smaller diameter portion of the pipe and a detachable connector for connecting the first and second body members coaxially.

85853. Imperial Chemical Industries Limited. Process for the manufacture of anthraquinone dyestuffs, anthraquinone compounds so produced and cellulose textile materials dyed therewith. (11th January 1962). Accepted on 30th April 1964.

Reacting together a polyhalogeno-s-triazine or a polyhalogenopyrimidine with 1-amino-4-(sulphamylanilino) anthraquinone-2-sulphonic acid.

85896. Dr. K. N. Kashyap. An adjustable splint. Accepted on 1st May 1964.

Comprising a ring having a longer and a shorter side bars, a hinged end-plece at the free end of the shorter bar, and means to secure the end-plece to the longer bar.

85976. Allied Chemical Corporation. Sealing compositions for porous formations. Accepted on 28th April 1964.

Comprising a mixture of 40-70 parts of nonresinous urea-formaldehyde condensation product, 15-45 parts formaldehyde, 20-60 parts urea, water and alkali metal hydroxide.

85977. Allied Chemical Corporation. Sealing compositions for porous formations. Accepted on 28th April 1964.

Comprising 40-70 parts non resinous ureaformaldehyde condensation product, 15-45 parts formaldehyde, 30-60 parts urea, water, and an acid producing catalyst which is a salt of a strong acid and a hasic trivalent nitrogen compound.

86005. Standard Telephones and Cables Limited. Electrical code signal transmitting or receiving system. [Addition to No. 64429]. Accepted on 25th April 1964.

A transmiter memory, scanner means, cycling means for controlling said scanning means and means in the said receiver memory responsive to identical binary code elements.

86026. Rolls-Royce Limited. Improvements to gas driven railway locomotive. (18th January 1962). Accepted on 1st May 1964.

Comprises a spark ignition internal combustion engine, a gas source and ducting for supplying a carburettor on said engine with gas from said source.

86036. Vijay Scientific and Surgical Co. An improved device for cervical traction. Accepted on 30th April 1964.

Counterweights fitted to one end of a cord passing over a pair of spaced pulleys, the other end of the said cord being connected to a head holder applied to a person requiring the cervical traction.

86165. Hermorion Limited. Blank for transport package, and transport package made therefrom.

Accepted on 28th April 1964.

The transport package is manufactured from a flat blank divided into sections, individually separated by crease lines which are characterized firstly by two congruent equally sided trapeziums with joint base line and with a base angle.

86234. Bhutoria Engineering Works Ltd. Improvements in relating to valves. Accepted on 25th April 1964.

A valve operating mechanism, a bonnet housing the operation mechanism, a flexible impervious diaphragm fitted to the valve actuator at the bottom of the operating mechanism and clamped between the clamping faces.

86239. Pneumatiques, Caoutchouc Manufacture Et Plastiques Kleber Colombes. Method and apparatus for the manufacture of cellular material. Accepted on 1st May 1964.

The hydrostatic thrust to which the object is submitted in the expansion bath is used to shape the said object against a suitable moulding surface resisting the said thrust, which makes it possible to avoid subsequent-shaping operations.

86244. Imperial Chemical Industries Limited. Fungicidal seed dressing compositions. (5th February 1962). Accepted on 1st May 1964.

Comprising N, N'-his (dimethylamino) thiuram disulphide and a specified diluent.

86291. H. J. Krause. Process and apparatus for the production of building bricks and aggregates. Accepted on 27th April 1964.

Characterised in that the green clay is reduced to particle form and heated in a furnace and then formed to shape and left to cool.

86471. E. Greeno. Improvements in or relating to lock nuts. (13th February 1962). Accepted on 30th April 1964.

Comprising a nut body having at its working end, an axially extending portion for keyed arrangement with a ring of deformable material having some resillency,

 Kirkel. Improvements in and relating to multi-purpose hand tools. Accepted on 1st May 1964.

Having a pair of spaced ribs upstanding from the blade and acting as a support for the pivot pin, the hook members being formed in one piece of such a width that it extends substantially across the pin between the ribs, the other handle arm being formed with two tongues engaging respectively in corresponding slots of the ribs.

86632. Jervis B. Webb Company. Conveyor system. Accepted on 1st May 1964.

Pusher and driving members being arranged so that each carrier is provided with a main driving member and a supplemental driving member, the propelling means, means of disengaging the first pusher and main driving members and a drop section in the system.

86672 Shell Internationale Research Maatschappij N. V. Method for the regeneration and reactivation of deactivated supported platinum catalysts and process for the conversion of hydrocarbons or hydrocarbon mixtures by the use of such supported platinum catalysts, as well as mixtures obtained by said conversion process. Accepted 1st May 1964.

Characterised in that a portion of the carbonaceous deposits is removed at elevated temperature and after a gaseous mixture is passed through the catalyst bed at elevated temperature, after the steam to chlorine ratio in gaseous mixture is increased, this step being continued until the total catalyst inventory is at equilibrium.

86691. Shell Internationale Research Maatschappij N. V. Process for the separation of a mixture in the liquid phase using a solid selective adsorbent. Accepted on 28th April 1964.

Characterised in that the mixture and a slurry of the adsorbent are contacted in one or more stages, a toroidal flow pattern being present in at least one stage.

86802. K. M. Gandhi. Improvements in or relating to a device for quick sieving of sand or the like. Accepted on 1st May 1964.

Consists of a Y-frame carrying an electric motor at its top, an eccentric wheel having a radial casing fitted to the shaft which mounted in bearings, a hopper having a tapered base ending in an opening at its one side and a spout like opening formed near the middle of the hopper at its other side, the hopper having three or more frames, each frame is fitted with a different sieve bottom most sieve is of finer sieve and is covered at front by means of a plate.

86925. Phillips Petroleum Company. An improved polymerization catalyst, process for preparing same and a method of polymerizing olefins using said catalyst. Accepted on 1st May 1964

Comprises contacting at least one elefin, under polymerizing conditions of heat and pressure, with a catalyst comprising chromium oxide impregnated on a finely divided porous silica gel.

87160. Hermorion Limited. Packaging material intended for asceptic packing of sterile goods, as for example sterilized milk. Accepted on 1st May 1964.

Consisting of a fibrous body layer both sides of which are coated with a bacteria tight and practically air tight material, characterized therein that the fibrous material is pre-sterilized with a disinfectant which does not degenerate or only slowly very slowly degenerates or disappears in an atmosphere of air.

87310. Knorr-Bremse Kommanditgesellschaft. Automatic cable coupling for vehicles running on rails. Accepted on 25th April 1964.

Piston-rod of the compressed-air cylinder is hinged to a rocker whose one end is connected to an insulating piece which is arranged in a coupling housing in such a way that it can move in longitudinal direction of this housing.

87519. Reyolds Metals Company. Alumina preparation and product. Accepted on 1st May 1964.

Consisting in heating soda-containing alumina in a solid phase at a temperature of at least 2100°F with a siliceous material capable of combining with soda to form a soda-containing compound of the material.

87640. Dunlop Rubber Company Limited. Improvements in or relating to inflation devices for pneumatic tyres, (11th May 1962). Accepted on 28th April 1964.

Pump drivable by rotation of the wheel to deliver inflationary gas to the inflationary chamber of the tyre and at least two pressure relief valves, for connection between the inflationary chamber of the tyre and atmosphere

87681. Rohrenwerk u. Pumpenfabrik Rudolf Bauer.
Thin-walled metallic tube and process of making the same. Accepted on 27th April 1964.

Characterised in that it is stiffened by at least three and more than three troughts or ribs and that the tube wall has between these troughs or ribs the basic circular cylindrical shape of the tube.

87699. Union Carbide Corporation. Plastic film welding process and apparatus. Accepted on 30th April 1964.

Comprises positioning the plies on a supporting surface, compressing between said supporting surface and a clamping surface the area of said plies surrounding the area of the weld bringing a heatsealing surface into contact with said weld area and into the combined thickness of the plies and welding said plies.

87765. Institut Francais Du Petrole, Des Carburants Et Lubrifiants. Process for the stabilization of crude petroleum. Accepted on 1st May 1964.

A process for stabilizing a crude petroleum containing a normally solid paraffin wax by incorporating in said crude petroleum a normally solid polymer having a substantially saturated chain of carbon atoms at a temperature higher than that which said paraffin wax precipitates.

### Patents Sealed

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# Amendment Proceedings

(1)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that India Foils Limited, of Kamarhati, 24 Parganas, West Bengal, India, a British Company, seek leave to amend the description and claims in the specification of Patent application No. 73114. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta 17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(2)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, Palmer-Shile Company, a Corporation organized and existing under the laws of the State of Michigan, United States of America, of 1600 Fullerton Avenue, Detroit, Michigan, United States of America, seek leave to amend the description and claims in the specification in respect of Patent application No. 81077. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(3)

Notice is hereby given under Section 17 of the Indian Patents and Design Act, 1911, that Metal & Thermit Corporation, of 100 Park Avenue, New York 17, New York, United States of America, a Corporation of the State of New Jersey, United States of America, seek leave to amend the name, nationality and address of the applicant in the application and specification in respect of Patent application No. 82524. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules. 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent office on payment of the usual charges.

(4)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that Metal & Thermit Corporation, a corporation organised and existing under the laws of the State of New Jersey, of 100 Park Avenue. New York, United States of America, seek leave to amend the name, nationality and address of the applicant in the application and specification in respect of Patent application No. 82549. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office, on payment of the usual charges.

# Renewal Fees Paid

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### Cessation of Patents

40780. 44361. 44453. 48727. 48729. 50959. 50973.

### Restoration Proceedings

(1)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911, for the restoration of the following patent:—

No. 53674—Mysore Commercial Union Limited.

The patent ceased on the 31st January 1959 owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2, of the Gazette of India dated the 16th May 1959. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17 on or before the 27th June 1964.

(2)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911, for the restoration of the following patents:—

No. 66049-Sudhir Lal Mukherjee & Albert David Ltd.

The patent ceased on the 8th December 1963, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2, of the Gazette of India, dated the 18th April 1964. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 27th June 1964.

(3)

An order has been made on the 27th April 1964, restoring the Patent No. 68256 dated as of the 2nd July 1959 granted to Arabinda Nath Bose and Ajit Chandra Muzumdar for "a process and apparatus for par-boiling raw rice paddy".

### Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

- Class 1. No. 121152. Banerjea Chakraborty & Co. Private Ltd., an Indian Private Limited Company incorporated at Calcutta, 135 Canning Street, Calcutta-1, West Bengal, India, "A street light pole box", February 14, 1964.
- Class 1. No. 119491. Beso Steel Interprises, 24C, Dr. Suresh Sircar Road, Calcutta-14, West Bengal, An India Partnership concern, "Sofa-cum-bed", September 10, 1963.
- Class 9. No. 121139. Agrawal Trading Corporation, 191, Mahatma Gandhi Road, Calcutta-7, India, Indian "Cotton lace knitted fabrics", February 12, 1964.
- Class 13. No. 120658. Universal Knitting Industries, Indian Firm, Mehra Estate, Agra Road, Vikroli, Bombay-79, Maharashtra, "Textile piecegoods", December 30, 1963.
- Class 13. No. 120770. The Bombay Dyeing & Mfg. Co. Ltd., an Indian Company incorporated in India, Neville House, Ballard Estate, Bombay-1, "Cotton textiles", January 16, 1964.
- Class 13. No. 120794. Premier Chemical Industries, Opp. Usha Talkies, Patelwadi, New Nagardas Cross Road, Andheri, Bombay-69, Maharashtra State, Indian Sole Proprietory Concern, "Textile goods", January 28, 1964.
- Class 13. No. 120795. The Victoria Mills Limited, an Indian Company, Delisle Road, Parel, Bombay-13, "Cotton piecegoods", January 21, 1964.
- Class 13. No. 120932. Premier Chemical Industries, Opp.
  Usha Talkies, Patelwadi, New Nagardas Cross
  Road, Andheri, Bombay-69, Maharashtra
  State, Indian sole proprietory concern, "Textile goods", January 29, 1964.
- Class 13. Nos. 121047 and 121048. The Bombay Dyeing & Mfg. Co. Ltd., an Indian Company, incorporated in India. Neville House, Ballard Estate, Bombay-1, "Cotton textiles', February 7, 1964.
- Class 13. No. 121165. Universal Knitting Industries, Indian Firm, Mehra Estate, Agra Road, Vikroli, Bombay-79, Maharashtra, "Textile piecegoods", February 17, 1964.
- Class 13. Nos. 121166 to 121182 and 121184 to 121194.
  The India United Mills Ltd., Indu House,
  Dougall Road, Ballard Estate, Bombay-1,

- State of Maharashtra, India, a company incorporated in India, "Textile piece goods", February 17, 1964.
- Class 13. Nos. 121208 and 121209. Birla Cotton Spining & Weaving Mills Ltd., Birla Lines, Subzimandi, Delhi-6, Nationality Indian, "Manufacture of textiles (prints) and its sale in the market", February 19, 1964.
- Class 13. Nos. 121210 to 121217. Calico Dyeing & Printing Mills (P) Ltd., Industrial Estates, 41E Parel Chawl Road, Lalbaugh, Bombay-12, Nationality—Indian Business concern (Private limited company), 'Textile goods including silks and art-silk piece goods", February 19, 1964.
- Class 13. Nos. 121470 to 121522. Century Spg. & Mfg. & Co. Ltd., Indian Company, Industry House, 159, Churchgate Reclamation, Bombay-1, Maharashtra State, 'Textile goods', March 9, 1964.
- Class 13. Nos. 121523 to 121535. The Century Spg. & Mfg. Co. Ltd., Indian Company, Industry House, 159, Churchgate Reclamation, Bombay-1, Maharashtra State, "Textile goods", March 10, 1964.
- Class 14. Nos. 120877 to 120879. The Century Spg. & Mfg. Co. Ltd., Indian Company, Industry House, 159 Churchgate Reclamation, Bombay-1, Maharashtra State. "Textile goods", January 24, 1964.

# Copyright Extended for a Second Period of Five Years

Design No. 98624, Class 1.

Design Nos. 99148 and 100697, Class 1.

Design No. 101464, Class 1,

Design No. 98956, Class 3.

Design No. 99239, Class 3.

Design No. 99930, Class 3.

Design Nos. 100513 and 100514, Class 3.

Design No. 104118, Class 3.

Design No. 107916, Class 3.

Design Nos. 99018 to 99020, Class 4.

Design No. 101539, Class 5.

Design No. 102690, Class 5.

# Copyright Extended for a Third Period of Five Years

Design No. 78932, Class 3.

A. JOGARAO Controller General of Patents, Designs and Trade Marks.

